

Data Science Training

Data Science Training for all levels. We usually tailor the modules and course durations based on company's or team's requirements

Modules that can be included:

- Data Science Introduction
- Learn about **Data Science Workflow**
- Find out why **Data Cleaning** matters and what to look out for
- Learn about what is **Exploratory Data Analysis** and how to do it (with Seaborn and Matplotlib)
- Data Science **Project Designs**
- Learn about **Feature Selection** techniques
- Learn about the **Feature Engineering** process
- Learn about **Cross-Validation**
- Learn about different **Classification Metrics**
- **Machine Learning** Overview
- **Supervised Learning Algorithms** (e.g. KNN, Logistics Regression, Gradient Boosting, Random Forest, Naive Bayes, etc)
- **Unsupervised Learning Algorithms** (e.g. K-means, HAC, DBSCAN, etc)
- **Dimensionality Reduction** techniques (e.g. SVD, PCA, etc)
- Learn about different **Ensembling** techniques
- Learn about **Class Imbalance**
- **Natural Language Processing**
- **Recommender Systems**

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Learning Outcomes

- **Customizable** and depends on the objectives of the company or team

Who should attend?

- **Customizable** and depends on the objectives of the company or team

Duration and Method of Delivery

- **Customizable** and depends on the objectives of the company or team

Sample Course conducted in July 2020

- 5 days data science refresher course to prepare company data science team for an internal competition
- 2 hours session held daily
- Covered topics such as **ensembling, recommender systems, pandas / python, feature engineering, feature selection**, etc.